



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: :
Chen : Art Unit: 3672
AN 09/833,016 : Examiner: Hoang Dang
Filed: 04/10/2001 : Atty's Docket: SC-98-25A
For: Force-Balanced Roller-Cone Bits, Systems, Drilling Methods, and
Design Methods (conf.no.1340)

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Amatt P.
ER
4/25/03

AMENDMENT COPYING CLAIMS

Honorable Commissioner of Patents and Trademarks
Washington, DC 20231

Sir:

Applicants are still attempting to provoke an interference. The following amendment is intended to conform the claims in the present application to copy numerous claims from US application 09/635116. (This is one of the continuation applications earlier disclosed to the Examiner.)

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04/21/2003 SMINASS1 00000106 09833016

01 FC:1201 504.00 OP
02 FC:1202 126.00 OP



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Robert Groover III, Reg'd Patent Atty., 214-761-4410

April 14, 2003

Commissioner of Patents
Washington DC 20231

Re: Patent App'n SN

09/833,016 filed 04/10/2001,

of Chen, entitled "Force-
Balanced Roller-Cone Bits,
Systems, Drilling Methods, and

Design Methods" (Atty Docket No. SC-98-25 C1 (78017/24283))

I certify that this correspondence, including the attachments listed,
is being deposited with the United States Postal Service as First
Class Mail in an envelope addressed to Commissioner of Patents
and Trademarks, Washington DC 20231, on the date shown below.

04/14/2003

Date of Mailing

Elizabeth Ham
Signature

Honorable Commissioner:

Enclosed is an Amendment in connection with the U.S. Patent Application referenced
above. The correct amount of fee is believed to be as follows. A check for this amount is
enclosed.

FEE CALCULATION

	Number After <u>Amendment:</u>	Highest Previously <u>Paid:</u>	=	Number Excess		Fee:
Independent:	<u>9</u>	<u>3</u>	=	<u>6</u>	@\$84	= \$504
<u>Total:</u>	<u>17</u>	<u>20</u>	=	<u>0</u>	@\$18	= \$ 0
Total Fee for Claims Presented herewith:						<u>\$504</u>
<u>Total Fee:</u>						<u>\$504</u>

Respectfully submitted,

ry
Robert Groover, Reg. No. 30,059

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